

R#6-MLA

UNIVERSITY of PENNSYLVANIA

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School of Arts and Sciences

Department of Chemistry  
Chemistry Building  
Philadelphia, PA 19104-6323

4 October 1988

Mr. R.F. Gertenbach, President  
Council for Tobacco Research  
900 Third Avenue  
New York, NY 10022

Dear Mr. Gertenbach,

I am currently pursuing the three dimensional structures of serum protease inhibitors by X-ray crystallographic methods. Since it is known that these inhibitors are chemically modified by the process of tobacco smoking, and that such modification results in the physiological symptoms of emphysema, our crystallographic structure determinations will provide a starting point for bioengineering experiments aimed at treating the molecular cause of emphysema.

I would like to apply to the Council for Tobacco Research for a grant-in-aid of this research. Please forward the necessary forms and schedules so that I can return a completed application to your organization.

Thanks very much in advance for your consideration.

Sincerely yours,



David W. Christianson  
Assistant Professor of Chemistry